

FIGURE 1





MRPSGTAGAA	LLALLAALCP	ASRALEEKV	CQGTSNKLTO	LGTFEDHFLS	50	
LQRMFNNCEV	VLGNLEITYV	QRNYDLSFLK	TIQEVAHYVL	IALNTVERIP	100	
LENLQIIRGN	MYYENSYALA	VLSNYDANKT	GLKELPMRNL	QEILHGAVRF	150	
SNNPALCNVE	SIQWRDIVSS	DFLSNMSMDF	QNHLGSCQKC	DPSCPNGSCW	200	
5	GAGEENCQKL	TKIICAQQCS	GRCRGKSPSD	CCHNQCAAGC	TGPRESDCLV	250
CRKFRDEATC	KDTCPPLMLY	NPTTYQMDVN	PEGKYSFGAT	CVKKCPRNYV	300	
VTDHGSCVRA	CGADSYEMEE	DGVRKCKKCE	GPCRKVCNGI	GIGEFKDSL	350	
INATNIKHFK	NCTSISGDLH	ILPVAFRGDS	FTHTPPLDPQ	ELDILKTVKE	400	
ITGFLLIQAW	PENRTDLHAF	ENLEIIRGRT	KQHGQFSLAV	VSLNITSLGL	450	
10	RSLKEISDGD	VIISGNKNLC	YANTINWKLL	FGTSGQKTKI	ISNRGENSCK	500
ATGQVCHALC	SPEGCWGPEP	RDCVSCRNVS	RGRECVDKCN	LLEGEPEFV	550	
ENSECIQCHP	ECLPQAMNIT	CTGRGPDNCI	QCAHYIDGPH	CVKTCPAGVM	600	
GENNTLVWKY	ADAGHVCHLC	HPNCTYGCTG	PGLEGCPNG	PKIPSIATGM	650	
VGALLLLLVV	ALGIGLFMRR	RHIVRKRTL	RLLQERELVE	PLTPSGEAPN	700	
15	QALLRILKET	EKKIKVLGS	GAFGTVYKGL	WIPEGEKVKI	PVAIKELREA	750
TSPKANKEIL	DEAYVMASVD	NPHVCRLLG	CLTSTVQLIT	QLMPFGCLLD	800	
YVREHKDNIG	SQYLLNWCVQ	IAKGMNYLED	RRLVHRDLAA	RNVLVKTPQH	850	
VKITDFGLAK	LLGAEKEYH	AEGGKVPIKW	MALESILHRI	YTHQSDVWSY	900	
GVTWVELMTF	GSKPYDGIPA	SEISSILEKG	ERLPQPPICT	IDVYMIMVKC	950	
20	WMIDADSRPK	FRELIIEFSK	MARDPQRYLV	IQGDERMHL	SPTDSNFYRA	1000
LMDEEDMDDV	VDADEYLIPQ	QGFFSSPSTS	RTPLLSSLSA	TSNNSTVACI	1050	
DRNGLQSCPI	KEDSFLQRYS	SDPTGALTED	SIDDTFLPVP	EYINQSVPKR	1100	
PAGSVQNPVY	HNQPLNPAPS	RDPHYQDPHS	TAVGNPEYLN	TVQPTCVNST	1150	
FDSPAHWAK	GSHQISLDNP	DYQQDFFPKE	AKPNGIFKGS	TAENAEYLRV	1200	
25	APQSSEFIGA				1210	

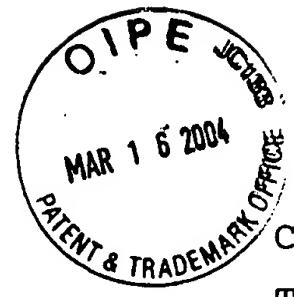
FIGURE 2



	ATGCGACCCT	CCGGGACGGC	CGGGGCAGCG	CTCCTGGCGC	TGCTGGCTGC	50
	GCTCTGCCCG	GCGAGTCGGG	CTCTGGAGGA	AAAGAAAGTT	TGCCAAGGCA	100
	CGAGTAACAA	GCTCACGCAG	TTGGGCACCT	TTGAAGATCA	TTTCTCAGC	150
5	CTCCAGAGGA	TGTTCAATAA	CTGTGAGGTG	GTCCTGGGA	ATTTGGAAAT	200
	TACCTATGTG	CAGAGGAATT	ATGATCTTC	CTTCTAAAG	ACCATCCAGG	250
	AGGTGGCTGG	TTATGTCTC	ATTGCCCTCA	ACACAGTGGA	GCGAATTCCCT	300
	TTGGAAAACC	TGCAGATCAT	CAGAGGAAAT	ATGTACTACG	AAAATTCCCTA	350
	TGCCTTAGCA	GTCTTATCTA	ACTATGATGC	AAATAAAACC	GGACTGAAGG	400
10	AGCTGCCCAT	GAGAAATTAA	CAGGAAATCC	TGCATGGCGC	CGTGCGGTTC	450
	AGCAACAAACC	CTGCCCTGTG	CAACGTGGAG	AGCATCCAGT	GGCGGGACAT	500
	AGTCAGCAGT	GACTTTCTCA	GCAACATGTC	GATGGACTTC	CAGAACCAACC	550
	TGGGCAGCTG	CCAAAAGTGT	GATCCAAGCT	GTCCCAATGG	GAGCTGCTGG	600
	GGTGCAGGAG	AGGAGAACTG	CCAGAAACTG	ACCAAAATCA	TCTGTGCCCA	650
15	GCAGTGCTCC	GGGCGCTGCC	GTGGCAAGTC	CCCCAGTGAC	TGCTGCCACA	700
	ACCAGTGTGC	TGCAGGCTGC	ACAGGCCCCC	GGGAGAGCGA	CTGCCCTGGTC	750
	TGCCGCAAAT	TCCGAGACGA	AGCCACGTGC	AAGGACACCT	GCCCCCCACT	800
	CATGCTCTAC	AACCCCACCA	CGTACCAGAT	GGATGTGAAC	CCCGAGGGCA	850
	AATACAGCTT	TGGTGCCACC	TGCGTGAAGA	AGTGTCCCCG	TAATTATGTG	900
20	GTGACAGATC	ACGGCTCGTG	CGTCCGAGCC	TGTGGGGCCG	ACAGCTATGA	950
	GATGGAGGAA	GACGGCGTCC	GCAAGTGTAA	GAAGTGCAGA	GGGCCTTGCC	1000
	GCAAAGTGTG	TAACCGGAATA	GGTATTGGTG	AATTAAAGA	CTCACTCTCC	1050
	ATAAATGCTA	CGAATATTAA	ACACTTCAAA	AACTGCACCT	CCATCAGTGG	1100
	CGATCTCCAC	ATCCTGCCGG	TGGCATTAG	GGGTGACTCC	TTCACACATA	1150
25	CTCCTCCTCT	GGATCCACAG	GAACCTGGATA	TTCTGAAAAC	CGTAAAGGAA	1200
	ATCACAGGGT	TTTGCTGAT	TCAGGCTTGG	CCTGAAAACA	GGACGGACCT	1250
	CCATGCCCTT	GAGAACCTAG	AAATCATACG	CGGCAGGACC	AAGCAACATG	1300
	GTCAGTTTC	TCTTGCAGTC	GTCAGCCTGA	ACATAACATC	CTTGGGATTA	1350
	CGCTCCCTCA	AGGAGATAAG	TGATGGAGAT	GTGATAATT	CAGGAAACAA	1400



	AAATTGTGC TATGCAAATA CAATAAACTG GAAAAAACTG TTTGGGACCT	1450
	CCGGTCAGAA AACCAAAATT ATAAGCAACA GAGGTGAAAA CAGCTGCAAG	1500
	GCCACAGGCC AGGTCTGCCA TGCCTTGTGC TCCCCCGAGG GCTGCTGGGG	1550
5	CCCGGAGCCC AGGGACTGCG TCTCTTGCAG GAATGTCAGC CGAGGCAGGG	1600
	AATGCGTGGAA CAAGTGCAAG CTTCTGGAGG GTGAGCCAAG GGAGTTTGTG	1650
	GAGAACTCTG AGTGCATACA GTGCCACCCA GAGTGCCTGC CTCAGGCCAT	1700
	GAACATCACC TGCACAGGAC GGGGACCAGA CAACTGTATC CAGTGTGCC	1750
	ACTACATTGA CGGCCCCAC TGCgtCAAGA CCTGCCGGC AGGAGTCATG	1800
10	GGAGAAAACA ACACCCTGGT CTGGAAGTAC GCAGACGCCG GCCATGTGTG	1850
	CCACCTGTGC CATCCAAACT GCACCTACGG ATGCACTGGG CCAGGTCTTG	1900
	AAGGCTGTCC AACGAATGGG CCTAAGATCC CGTCCATCGC CACTGGGATG	1950
	GTGGGGGCCCG TCCTCTTGCT GCTGGTGGTG GCCCTGGGA TCGGCCTCTT	2000
	CATGCGAAGG CGCCACATCG TTCGGAAGCG CACGCTGCAG AGGCTGCTGC	2050
15	AGGAGAGGGA GCTTGTGGAG CCTCTTACAC CCAGTGGAGA AGCTCCAAAC	2100
	CAAGCTCTCT TGAGGATCTT GAAGGAAACT GAATTCAAAA AGATCAAAGT	2150
	GCTGGGCTCC GGTGCGTTCG GCACGGGTGA TAAGGGACTC TGGATCCCAG	2200
	AAGGTGAGAA AGTTAAAATT CCCGTCGCTA TCAAGGAATT AAGAGAAGCA	2250
	ACATCTCCGA AAGCCAACAA GGAAATCCTC GATGAAGCCT ACGTGATGGC	2300
20	CAGCGTGGAC AACCCCCACG TGTGCCGCCT GCTGGGCATC TGCCTCACCT	2350
	CCACCGTGCA ACTCATCACG CAGCTCATGC CCTTCGGCTG CCTCCTGGAC	2400
	TATGTCCGGG AACACAAAGA CAATATTGGC TCCCAGTACC TGCTCAACTG	2450
	GTGTGTGCAG ATCGCAAAGG GCATGAACTA CTTGGAGGAC CGTCGCTTGG	2500
	TGCACCGCGA CCTGGCAGCC AGGAACGTAC TGGTGAAAAC ACCGCAGCAT	2550
25	GTCAAGATCA CAGATTGG GCTGGCCAAA CTGCTGGGTG CGGAAGAGAA	2600
	AGAATACCAT GCAGAAGGAG GCAAAGTGCC TATCAAGTGG ATGGCATTGG	2650
	AATCAATTTC ACACAGAATC TATAACCACC AGAGTGATGT CTGGAGCTAC	2700
	GGGGTGACCG TTTGGGAGTT GATGACCTTT GGATCCAAGC CATATGACGG	2750
	AATCCCTGCC AGCGAGATCT CCTCCATCCT GGAGAAAGGA GAACGCCTCC	2800



	CTCAGCCACC CATATGTACC ATCGATGTCT ACATGATCAT GGTCAAGTGC	2850
	TGGATGATAG ACGCAGATAG TCGCCCAAAG TTCCGTGAGT TGATCATCGA	2900
	ATTCTCCAAA ATGGCCCGAG ACCCCCAGCG CTACCTTGTC ATTCAAGGGGG	2950
	ATGAAAGAACAT GCATTGCCA AGTCCTACAG ACTCCAACCTT CTACCGTGCC	3000
5	CTGATGGATG AAGAAGACAT GGACGACGTG GTGGATGCCG ACGAGTACCT	3050
	CATCCCACAG CAGGGCTTCT TCAGCAGCCC CTCCACGTCA CGGACTCCCC	3100
	TCCTGAGCTC TCTGAGTGCA ACCAGCAACA ATTCCACCGT GGCTTGCATT	3150
	GATAGAAATG GGCTGCAAAG CTGTCCCATC AAGGAAGACA GCTTCTTGCA	3200
	GCGATACAGC TCAGACCCCA CAGGCGCCTT GACTGAGGAC AGCATAGACG	3250
10	ACACCTTCCT CCCAGTGCCT GAATACATAA ACCAGTCCGT TCCCAAAAGG	3300
	CCCGCTGGCT CTGTGCAGAA TCCTGTCTAT CACAATCAGC CTCTGAACCC	3350
	CGCGCCCAGC AGAGACCCAC ACTACCAGGA CCCCCACAGC ACTGCAGTGG	3400
	GCAACCCCGA GTATCTCAAC ACTGTCCAGC CCACCTGTGT CAACAGCACA	3450
	TTCGACAGCC CTGCCCACTG GGCCCAGAAA GGCAGCCACC AAATTAGCCT	3500
15	GGACAACCCCT GACTACCAGC AGGACTTCTT TCCCAAGGAA GCCAAGCCAA	3550
	ATGGCATCTT TAAGGGCTCC ACAGCTGAAA ATGCAGAATA CCTAAGGGTC	3600
	GCGCCACAAA GCAGTGAATT TATTGGAGCA TGA	3630

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FIGURE 3C



First PCR Reaction

EGFR1 + EGFR3 primer

a.) EGFR cDNA

PCR product a
encoding aa 1 to 24 fused to aa 313 to 319

b.) EGFR cDNA

PCR product b
encoding aa 18 to 24 fused to aa 313 to 678

Second PCR Reaction

PCR product a + b

a.) overlap extension

PCR product c
encoding aa 1 to 24 fused to aa 313 to 678
with a stop codon in position 679

b.) amplification of
PCR product c

FIGURE 4

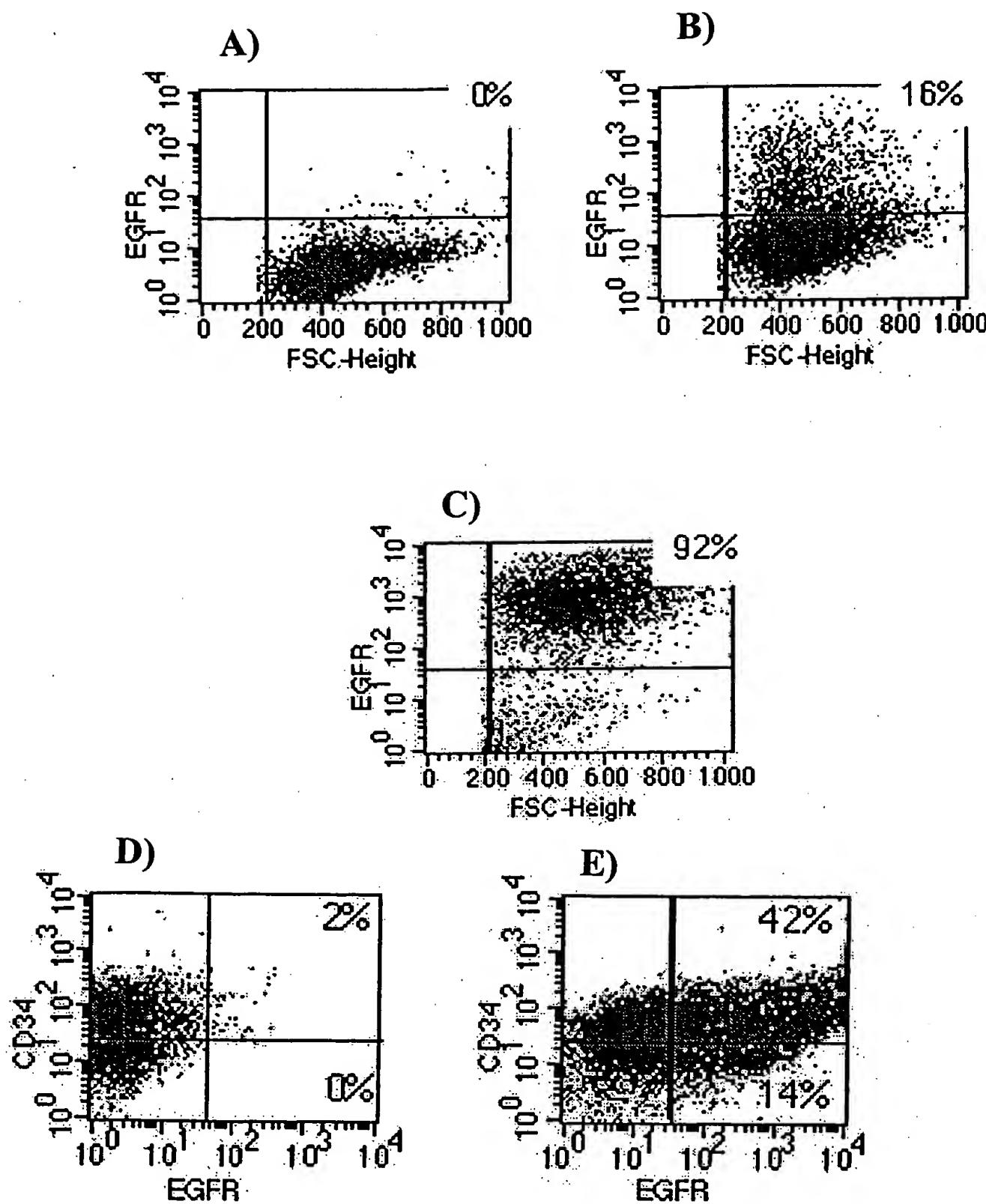


FIGURE 5